IN THE SPECIFICATION

On Page 3, lines 7-19, please replace the paragraph as follows:

--The pioneers in the development of client-server systems, developed client-server communication systems that were biased toward the processing of competing client requests for a single published service in a serial manner. This serial processing method of design, developed from the single-program single-computer paradigm, led to the creation of bottlenecks in the client-server communication process. The bottleneck in the client-server communication process typically appeared between the arrival of the client request at a server and the dispatching of the received request for service.--

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IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the Application are reproduced below.

1. **(Amended)** A software system comprising:

a server system comprising an operating system, the operating system operable to support a well-known address, the well-known address operable to receive data, the operating system further operable to provide interprocess communication;

the operating system further operable to support a buffer associated with the well-known address, the buffer operable to store data received by the well-known address;

a plurality of handler processes associated with the server system and available to service pending client requests, the handler processes being operable to access a notification system in parallel, accept pending requests in parallel, and to provide service to client requests, such that at least one request received by the well-known address will result in the notification to a plurality of the handler processes, one of which will service each pending request when the number of handler processes exceeds the number of pending requests and to accept a number of pending requests substantially equal to the number of handler processes when the number of pending requests exceeds or equals the number of handler processes;

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the operating system further comprising the notification system, the notification system operable to be accessed by the handler processes, the notification system further operable to reflect the existence of data in the buffer when data exists in the buffer and to reflect the non-existence of data in the buffer when the buffer is free of data; and

a spawner process operable to create the handler processes.